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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL

Note: Effective October 1, 1997. Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

340.00

Complete if Known		
Application Number	08/977,407	
Filing Date	11/24/97	
First Named Inventor	LU et al.	
Group Art Unit	2832	
Examiner Name	Kozma, T.	
Attomov Docket Number	HAT.O-012	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)				
1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. ADDITIONAL FEES Large Entity Small Entity Fee				
Denosit	Code (\$) Code (\$) Fee Description	Fee Paid			
Account Number 20-1497 (HALO-012)	105 130 205 65 Surcharge - late filing fee or oath				
Deposit Account Name Trial&Technology Law Grp	127 50 227 25 Surcharge - late provisional filing fee or cover sheet.				
CO Observable Services	139 130 139 130 Non-English specification				
Fee Required Under 37 CFR 1.18 at the Mailing of the	147 2,520 147 2,520 For filing a request for reexamination				
37 CFR 1.16 and 1.17 Notice of Allowance	112 920* 112 920* Requesting publication of SIR prior to				
2. X Payment Enclosed: X Check	Examiner action 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
Order Cite	Extension for each within first month				
FEE CALCULATION	115 110 215 55 Extension for reply within first month	190.00			
1. FILING FEE	117 950 217 475 Extension for reply within third month	170.00			
	118 1,510 218 755 Extension for reply within fourth month				
Large Entity Small Entity Fee Fee Fee Fee Description Fee Paid	128 2,060 228 1,030 Extension for reply within fifth month				
Code (\$) Code (\$)	119 310 219 155 Notice of Appeal	150.00			
101 790 201 395 Utility filing fee	120 310 220 155 Filing a brief in support of an appeal				
106 330 206 165 Design filing fee	121 270 221 135 Request for oral hearing				
107 540 207 270 Plant filing fee 108 790 208 395 Reissue filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding				
114 150 214 75 Provisional filing fee	140 110 240 55 Petition to revive - unavoidable				
SUBTOTAL (1) (\$)	141 1,320 241 660 Petition to revive - unintentional				
	142 1,320 242 660 Utility issue fee (or reissue)				
2. CLAIMS Fee from Fee Paid	143 450 243 225 Design issue fee				
Total Claims -20 = 0 X =	144 670 244 335 Plant issue fee				
Independent - 3 = 0 X =	122 130 122 130 Petitions to the Commissioner				
Multiple Dependent Claims X=	123 50 123 50 Petitions related to provisional applications				
Large Estitu Comell Estitu	126 240 126 240 Submission of Information Disclosure Stmt				
Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)				
103 22 203 11 Claims in excess of 20 102 82 202 41 Independent claims in excess of 3	146 790 246 395 Filing a submission after final rejection (37 CFR 1.129(a))				
102 82 202 41 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim	149 790 249 395 For each additional invention to be examined (37 CFR 1.129(b))				
109 82 209 41 Reissue independent claims over original patent	Other fee (specify)				
110 22 210 11 Reissue claims in excess of 20 and over original patent	Other fee (specify)				
SUBTOTAL (2) (\$) 0.00	Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 340	0.00			

SUBMITTED BY		Complete (if	applicable)
Typed or Printed Name Stephen E. Baldwin		Reg. Number	27,769
Signature State Tolke	Date 1/6/00	Deposit Account User ID	20-1497 (HALO-012)

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PTO/SB/21 (12-97 Please type a plus sign (+) inside this box -> + Approved for use through 9/30/00. OMB 0651-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. PATENT **Application Number** 08/977,407 TRANSMITTAL Filing Date 11/24/97 **FORM** LU et al. **First Named Inventor** 2832 **Group Art Unit** (to be used for all correspondence after initial filing) KOZMA, T. **Examiner Name** Attorney Docket Number HALO-012 Total Number of Pages in This Submission **ENCLOSURES** (check all that apply) After Allowance Communication **Assignment Papers** Fee Transmittal Form (for an Application) to Group Appeal Communication to Board Fee Attached Drawing(s) of Appeals and Interferences Appeal Communication to Group Amendment / Response Licensing-related Papers (Appeal Notice, Brief, Reply Brief) Petition Routing Slip (PTO/SB/69) After Final **Proprietary Information** and Accompanying Petition Affidavits/declaration(s) To Convert a **Status Letter Provisional Application** Power of Attorney, Revocation Additional Enclosure(s) X Extension of Time Request Change of Correspondence (please identify below). Address **Terminal Disclaimer** Return receipt **Express Abandonment Request Small Entity Statement** post card Information Disclosure Statement Request for Refund **Certified Copy of Priority** Document(s) Remarks Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Individual name Stephen E Baldwin, Reg. No. 27,769

Signature 6, 2000 Date **CERTIFICATE OF MAILING** I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 1/6/00 Typed or printed name Stephen En Baldwig

Signature 1/6/00 Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Date